



Dart Hawkesbury
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200

D350-604-041

Job Sheet 155146



Part No: D350-604-041

Job Qty: 1 ea

Part Name: Rear Locker Extender



Part Weight: 0 lbs

Status: Scheduled

Priority: Medium

Job Created: 9/30/17

Job Tracking No:

Due Date: 11/1/17

Created By: Mario Poulin

Type: Stock

Description:

Customer: Rilpa Enterprises Ltd (CRILP01)

480 Aviation Way NE Calgary, AB, T2E 7G3 Canada ph:(403) 275-3035 fx:(403) 730-0170.

Note: DWG D350-604-041 REV C U/R, D2273 REV M IPP REV:Q 03.12.01 Reformat KJ/RF IPP REV:R 12.02.07 AS PER ECN12-521 DD verf:JLM IPP REV:S 12.04.04 AS PER DWG REV.B DD VERF:EC IPP REV:T 13.09.12 as per CHG006/ECN13-616 DDVERF:JLM IPP REV:U 14.05.28 as per chg008/ecn14-563 DD verf:JLM IPP REV:V 15.03.13 remove cam lock and washerDD verf:JLM IPP REV:W 15.03.25 ECN15-545 DD VERF:JLM IPP REV:X 17.01.12 AS PER CHG010 DD VERF:JLM

Ship Via:

Bill of Materials

Job Routing

Op No	Operation	Qty	Due Date	Standard		Workcenter/Supplier	
				Setup hrs	Run Hrs	Workcenter / Supplier	Lead Time
90	Start up Operation	1 Ea	10/31/17	0.00	0.00	Start up container	N/A
100	DC	1 pcs	10/31/17	0.00	0.00	DC	N/A
110	Purchasing	1 pcs	10/31/17	0.00	0.00	Purchasing	cm2
120	Packaging	1 pcs	10/31/17	0.00	0.00	Packaging2	cm2
130	QC	1 pcs	10/31/17	0.00	0.00	QC6	2.5
140	Small Fab	1 pcs	11/1/17	0.00	1.61	Small Fab	11.10
150	QC	1 pcs	11/1/17	0.00	0.00	QC5	5m
155	Packaging	1 pcs	11/1/17	0.00	0.00	Packaging1	5m
158	QC	1 pcs	11/1/17	0.00	0.00	QC4	5m
160	Packaging	1 pcs	11/1/17	0.00	0.00	Packaging3	5m
170	QC21-FG	1 Ea	11/1/17	0.00	0.00	QC21	fg 10.5

Job Allocations

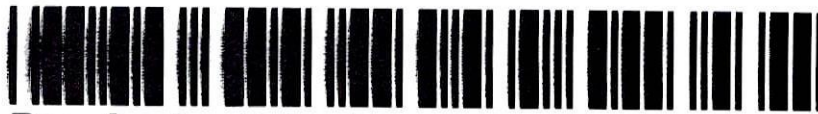
Operation	Component Part	Required	Inventory	Allocated	Std Qty
90-Start up Operation	D350-604-041P	1	0	0	0
140-Small Fab	D2268 5019942	1	7	0	0
	D2728-1	1	0	0	0
155-Packaging	D2269 5019943	1	1	0	0
	D5062-041 5019944	1	4	0	0

Part Specifications

Specifications could not be found.

DART
AEROSPACE
S015841

Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
CANADA
TEL.: 1 613 632-5200
Email: sales@dartaero.com
www.dartaerospace.com



Rear Locker Extender

PART NO: D350-604-041
Revision:
Operation: Packaging
Change No:

Mfg Date: 11/30/17 Job No: 155146
--

Work Order ID 155146

Monday, January 09, 2017 11:30:38 AM

155146

Page 1

Item ID: D350-604-041 Accept ***N900040100*** Setup Start ***NS1***
Revision ID: URF 16-567 Stop ***NS2***
Item Name: Rear Locker Extender
Start Date: 9/29/2017 Start Qty: 1.00 ***1*** Cust Item ID:
Required Date: 11/1/2017 Req'd Qty: 1.00 ***1*** Customer:
Reference:

Approvals: Process Plan: DAS 21 9-89 Date: JAN 12 2017 Tooling: _____ Date: _____ Run Start ***NR1***
QC: _____ Date: _____ SPC (Y/N): _____ Date: _____ Stop ***NR2***

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
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Draw Nbr	Revision Nbr
D2273	LUR M 17/01/12
D350-604-041	CUR 17/01/12

100 Document Control 0.00

100

DC

Doc.Control -USB or Paperwork

Memo

Photocopy bluefile and create labels per PPP D350-604-041

CH0009

CH6010 see attachment

110 PURCHASING 0.00

110

Purchasing

Purchasing

Memo

Issue P/O: 34975

Description: D350-604-041 Rear locker extender.

Manufacture as per dwg D2273

Supplier: FDC Composites Inc.

Certification of Conformity and process sheet required.

***EXTREME CARE MUST BE TAKEN TO PROTECT THE SURFACES OF
THE REAR LOCKER. THE SURFACES MUST BE SMOOTH AND FREE
FROM SURFACE DEFECTS SUCH AS SCRATCHES, NICKS, OR
DENTS.***

MUST BE WELL PACKAGE, IF NOT IT WILL BE REFUSE

1 JAN 17 2017 DAS 13 9-89

DQA: _____ Date: _____

**WORK ORDER NON-CONFORMANCE / UPDATE**

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____		DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐		AGAINST DEPARTMENT/PROCESS <table style="width:100%; border: none;"> <tr> <td style="border: none;">Skid-tube ☐</td> <td style="border: none;">Cross tube ☐</td> <td style="border: none;">Water Jet ☐</td> <td style="border: none;">Engineering ☐</td> </tr> <tr> <td style="border: none;">Machining ☐</td> <td style="border: none;">Small Fab ☐</td> <td style="border: none;">Prod. Eng. Coord. ☐</td> <td style="border: none;">Quality ☐</td> </tr> <tr> <td style="border: none;">Thermoforming ☐</td> <td style="border: none;">Finishing ☐</td> <td style="border: none;">Rec/Store/Packaging ☐</td> <td style="border: none;">Other ☐</td> </tr> <tr> <td style="border: none;">Large Fab ☐</td> <td style="border: none;">Composite ☐</td> <td style="border: none;">Supplier ☐</td> <td></td> </tr> </table>						Skid-tube ☐	Cross tube ☐	Water Jet ☐	Engineering ☐	Machining ☐	Small Fab ☐	Prod. Eng. Coord. ☐	Quality ☐	Thermoforming ☐	Finishing ☐	Rec/Store/Packaging ☐	Other ☐	Large Fab ☐	Composite ☐	Supplier ☐																																															
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		OTHER : _____																																																																					

Work Order ID 155146***155146***

Page 2

Monday, January 09, 2017 11:30:38 AM

Item ID: D350-604-041

Accept

N900040100

Setup Start

NS1

Revision ID: URF 16-567

Item Name: Rear Locker Extender

Stop

NS2

Start Date: 9/29/2017 Start Qty: 1.00

1

Cust Item ID:

Required Date: 11/1/2017 Req'd Qty: 1.00

1

Customer:

Reference:

Approvals:

Process Plan: _____

Date: _____

Tooling: _____

Date: _____

Run Start

NR1

QC: _____

Date: _____

SPC (Y/N): _____

Date: _____

Stop

NR2Sequence ID/
Work Center IDOperation
DescriptionSet Up/
Run Hours

Tool ID

Tool #

Plan
CodeAccept
QtyReject
QtyReject
NumberInsp.
Stamp

120

Receive & Inspect for Damage & Mat'l Certs
Packaging

0.00

120

Packaging

Memo

0.00

Packaging

Ensure a copy of Certification of Conformity and process sheet from Carbon-by-
Design is attached.

DO NOT STACK REAR LOCKERS OR ANYTHING ON THEM

130

QC6- Inspect dimensions to drawing

0.00

130

QC

Memo

0.00

Quality Control

Check hole locations to template. DT 8824 Check process sheet and audit.

140

0.00

140

Small Fab

Memo

0.05

Small Fab

1- INSTALL DECALS AS PER DWG

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____		DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐		AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐					
Date :		Step #:		QTY Effective :			MRB (QSI042) Approval 		
Description Work Order Deviation				Disposition					
								Completed By	
				Lead hand / Supervisor Approval Verification					
				QC / QA Coordinator Approval					
Root Cause		FAULT CATEGORY							
Environment ☐	No Re-verification ☐	Pressure/Forced ☐	Temperature/Cure ☐	Power Loss/Surge ☐	Positioned Wrong ☐				
Design ☐	Operator ☐	Bending ☐	Set-up ☐	Folio/Program ☐	Outside Dimensions ☐				
Doc/Data ☐	Offset/Setup ☐	Centre Not Concentric ☐	BOM/Route ☐	Grain ☐	Over/Under tolerance ☐				
Equip/Tooling ☐	Supplier ☐	Cracks ☐	Broken/Damage/Defect ☐	Weld ☐	Part Incorrect ☐				
Handling/Pre ☐	Training ☐	Crimp/Kink/Ripple/Wave ☐	Inspection Incomplete/Unqualified ☐	Wrong Stock Pulled ☐	Part Lost/Missing ☐				
Material ☐	Use for Testing ☐	Cuffs ☐	Contamination ☐	Out of Sequence ☐	Part Moved ☐				
Internal Transport ☐	Poor Information ☐	Crushing ☐	Countersink ☐	Off-set ☐	Drawing ☐				
Tribal Knowledge ☐	Rushing ☐	Heat Treat ☐	Cut Too Short ☐	Mislabeled ☐	Finish ☐				
LOA ☐	Product Improvement ☐	Wave/Twist in Tube ☐	Instructions Incomplete/Unclear ☐	Fit/Function ☐	Misread ☐				
Substation ☐	Process Improvement ☐	Marks/Chatter ☐	Drill Holes ☐	Misaligned/off center ☐	Turning Sequence ☐				
Past Expiry Date ☐	Manufacturing Process ☐	OTHER : _____							
Misidentified ☐	Past Due ☐								

Monday, January 09, 2017 11:30:38 AM

Page 3

NS1

Stop *NS2*

1

Customer:

Run Start *NR1*

Stop *NR2*

**Insp.
Stamp**

0.00

0.00

Memo

0.00

Pick Kit

0.00

Memo

*****DO NOT STACK REAR LOCKERS OR ANYTHING ON THEM*****

0.00

0.01

Memo

Quality Control

DQA: _____ Date: _____

**WORK ORDER NON-CONFORMANCE / UPDATE**

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____		DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐		AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐					
Date :		Step #:		QTY Effective :			MRB (QS1042) Approval Completed By _____ Lead hand / Supervisor Approval Verification _____ QC / QA Coordinator Approval _____		
Description Work Order Deviation				Disposition					

Root Cause				FAULT CATEGORY																																																											
☐ Environment	☐ Design	☐ Doc/Data	☐ Equip/Tooling	☐ Handling/Pre	☐ Material	☐ Internal Transport	☐ Tribal Knowledge	☐ LOA	☐ Substation	☐ Past Expiry Date	☐ Misidentified	☐ No Re-verification	☐ Operator	☐ Offset/Setup	☐ Supplier	☐ Training	☐ Use for Testing	☐ Poor Information	☐ Rushing	☐ Product Improvement	☐ Process Improvement	☐ Manufacturing Process	☐ Past Due	☐ Pressure/Forced	☐ Bending	☐ Centre Not Concentric	☐ Cracks	☐ Crimp/Kink/Ripple/Wave	☐ Cuffs	☐ Crushing	☐ Heat Treat	☐ Wave/Twist in Tube	☐ Marks/Chatter	☐ Temperature/Cure	☐ Set-up	☐ BOM/Route	☐ Broken/Damage/Defect	☐ Inspection Incomplete/Unqualified	☐ Contamination	☐ Countersink	☐ Cut Too Short	☐ Instructions Incomplete/Unclear	☐ Drill Holes	☐ Power Loss/Surge	☐ Folio/Program	☐ Grain	☐ Weld	☐ Wrong Stock Pulled	☐ Out of Sequence	☐ Off-set	☐ Mislabeled	☐ Fit/Function	☐ Misaligned/off center	☐ Positioned Wrong	☐ Outside Dimensions	☐ Over/Under tolerance	☐ Part Incorrect	☐ Part Lost/Missing	☐ Part Moved	☐ Drawing	☐ Finish	☐ Misread	☐ Turning Sequence
																								OTHER : _____																																							

Work Order ID 155146***155146***

Page 4

Monday, January 09, 2017 11:30:38 AM

Item ID: D350-604-041**Accept*****N900040100*****Setup Start*****NS1*****Revision ID:** URF 16-567**Item Name:** Rear Locker Extender**Stop*****NS2*****Start Date:** 9/29/2017 **Start Qty:** 1.00***1*****Cust Item ID:****Required Date:** 11/1/2017 **Req'd Qty:** 1.00***1*****Customer:****Reference:****Approvals:****Process Plan:** _____**Date:** _____**Tooling:** _____**Date:** _____**Run Start*****NR1*****QC:** _____**Date:** _____**SPC (Y/N):** _____**Date:** _____**Stop*****NR2*****Sequence ID/
Work Center ID****Operation
Description****Set Up/
Run Hours****Tool ID****Tool #****Plan
Code****Accept
Qty****Reject
Qty****Reject
Number****Insp.
Stamp**

160

0.00

160

Packaging

Packaging

Memo

0.00

Packaging

Identify and pack for shipping as per PPP D350-604-041

Location: _____

PPP Rev: _____

170

0.00

170

QC21- Final Inspection - Work Order Release

QC

Memo

0.02

Quality Control

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____		DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐		AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐					
Date :		Step #:		QTY Effective :			MRB (QSI042) Approval Completed By _____ Lead hand / Supervisor Approval Verification _____ QC / QA Coordinator Approval _____		
Description Work Order Deviation				Disposition					

Root Cause				FAULT CATEGORY			
Environment ☐		No Re-verification ☐		Pressure/Forced ☐		Temperature/Cure ☐	
Design ☐		Operator ☐		Bending ☐		Set-up ☐	
Doc/Data ☐		Offset/Setup ☐		Centre Not Concentric ☐		BOM/Route ☐	
Equip/Tooling ☐		Supplier ☐		Cracks ☐		Broken/Damage/Defect ☐	
Handling/Pre ☐		Training ☐		Crimp/Kink/Ripple/Wave ☐		Inspection Incomplete/Unqualified ☐	
Material ☐		Use for Testing ☐		Cuffs ☐		Contamination ☐	
Internal Transport ☐		Poor Information ☐		Crushing ☐		Countersink ☐	
Tribal Knowledge ☐		Rushing ☐		Heat Treat ☐		Cut Too Short ☐	
LOA ☐		Product Improvement ☐		Wave/Twist in Tube ☐		Instructions Incomplete/Unclear ☐	
Substation ☐		Process Improvement ☐		Marks/Chatter ☐		Drill Holes ☐	
Past Expiry Date ☐		Manufacturing Process ☐		OTHER : _____			
Misidentified ☐		Past Due ☐					

Picklist Print

Page 1

Monday, January 09, 2017 11:30:41 AM

Work Order ID: 155146

155146

Parent Item: D350-604-041

D350-604-041

Parent Item Name: Rear Locker Extender

Start Date: 9/29/2017

Required Date: 11/1/2017

Start Qty: 1.00

Required Qty: 1.00

Comments: IPP Rev:Q03.12.01ReformatKJ/RF IPP REV:R
12.02.07 AS PER ECN12-521 DD verf:JLM IPP REV:S 12.04.04
AS PER DWG REV.B DD VERF:EC IPP REV:T 13.09.12 as per
CHG006/ECN13-616 DDVERF:JLM IPP REV:U 14.05.28 as per
chg008/ecn14-563 DD verf:JLM IPP REV:V 15.03.13 remove cam lock and
washerDD verf:JLM IPP REV:W 15.03.25 ECN15-545 DD VERF:JLM

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
D350-604-041P		Purchased	No			110	Each	0.0000	1	1			
D350-604-041P									**				
Rear Locker Extender													
D2268		Manufactured	No			140	Each	13.0000	1	1			
D2268									**				
Placard													
				<u>Location</u>		<u>Loc Qty</u>		<u>Loc Code</u>					
				ST006		13							
				147069		7		6/13/2017					
				148553		6		7/22/2017					
D2728-1		Manufactured	Yes			140	Each	-1.0000	1	1			
D2728-1									**				
Dart Logo Label Small													
D2269		Manufactured	No			155	Each	8.0000	1	1			
D2269									**				
Placard													
				<u>Location</u>		<u>Loc Qty</u>		<u>Loc Code</u>					
				ST006		8							
				147070		2		6/13/2017					
				148588		6		7/22/2017					

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____		DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐		AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐					
Date :		Step #:		QTY Effective :			MRB (QSI042) Approval Completed By Lead hand / Supervisor Approval Verification QC / QA Coordinator Approval		
Description Work Order Deviation				Disposition					
Root Cause		FAULT CATEGORY							
Environment ☐	No Re-verification ☐	Pressure/Forced ☐	Temperature/Cure ☐	Power Loss/Surge ☐	Positioned Wrong ☐				
Design ☐	Operator ☐	Bending ☐	Set-up ☐	Folio/Program ☐	Outside Dimensions ☐				
Doc/Data ☐	Offset/Setup ☐	Centre Not Concentric ☐	BOM/Route ☐	Grain ☐	Over/Under tolerance ☐				
Equip/Tooling ☐	Supplier ☐	Cracks ☐	Broken/Damage/Defect ☐	Weld ☐	Part Incorrect ☐				
Handling/Pre ☐	Training ☐	Crimp/Kink/Ripple/Wave ☐	Inspection Incomplete/Unqualified ☐	Wrong Stock Pulled ☐	Part Lost/Missing ☐				
Material ☐	Use for Testing ☐	Cuffs ☐	Contamination ☐	Out of Sequence ☐	Part Moved ☐				
Internal Transport ☐	Poor Information ☐	Crushing ☐	Countersink ☐	Off-set ☐	Drawing ☐				
Tribal Knowledge ☐	Rushing ☐	Heat Treat ☐	Cut Too Short ☐	Mislabeled ☐	Finish ☐				
LOA ☐	Product Improvement ☐	Wave/Twist in Tube ☐	Instructions Incomplete/Unclear ☐	Fit/Function ☐	Misread ☐				
Substation ☐	Process Improvement ☐	Marks/Chatter ☐	Drill Holes ☐	Misaligned/off center ☐	Turning Sequence ☐				
* Past Expiry Date ☐	Manufacturing Process ☐	OTHER :							
Misidentified ☐	Past Due ☐								

Picklist Print

Page 2

Monday, January 09, 2017 11:30:41 AM

Work Order ID: 155146

155146

Parent Item: D350-604-041

D350-604-041

Parent Item Name: Rear Locker Extender

Start Date: 9/29/2017

Required Date: 11/1/2017

Start Qty: 1.00

Required Qty: 1.00

D5062-041

Manufactured No

155

Each

16.0000

1

1

D5062-041

Bracket Assembly

Location

Loc Qty

Loc Code

ST147

16

145920

16

DQA: _____ Date: _____

**WORK ORDER NON-CONFORMANCE / UPDATE**

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____		DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐		AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐					
Date :		Step #:		QTY Effective :			MRB (QSI042) Approval Completed By _____ Lead hand / Supervisor Approval Verification _____ QC / QA Coordinator Approval _____		
Description Work Order Deviation				Disposition					

Root Cause				FAULT CATEGORY			
Environment ☐	Design ☐	Doc/Data ☐	Equip/Tooling ☐	Pressure/Forced ☐	Temperature/Cure ☐	Power Loss/Surge ☐	Positioned Wrong ☐
Handling/Pre ☐	Material ☐	Internal Transport ☐	Tribal Knowledge ☐	Bending ☐	Set-up ☐	Folio/Program ☐	Outside Dimensions ☐
LOA ☐	Substation ☐	Past Expiry Date ☐	Misidentified ☐	Centre Not Concentric ☐	BOM/Route ☐	Grain ☐	Over/Under tolerance ☐
				Cracks ☐	Broken/Damage/Defect ☐	Weld ☐	Part Incorrect ☐
				Crimp/Kink/Ripple/Wave ☐	Inspection Incomplete/Unqualified ☐	Wrong Stock Pulled ☐	Part Lost/Missing ☐
				Cuffs ☐	Contamination ☐	Out of Sequence ☐	Part Moved ☐
				Crushing ☐	Countersink ☐	Off-set ☐	Drawing ☐
				Heat Treat ☐	Cut Too Short ☐	Mislabeled ☐	Finish ☐
				Wave/Twist in Tube ☐	Instructions Incomplete/Unclear ☐	Fit/Function ☐	Misread ☐
				Marks/Chatter ☐	Drill Holes ☐	Misaligned/off center ☐	Turning Sequence ☐
				OTHER : _____			

TABLE 1

POSITION	MATERIALS
1	TOOL SURFACE
2	GELCOAT
3	3/4 oz CHOPPED STRAND MAT
4	7725 FIBER GLASS
5	7725 FIBER GLASS
9	7725 FIBER GLASS
10	PRIMER

TABLE 2

POSITION	MATERIALS
1	TOOL SURFACE
2	GELCOAT
3	3/4 oz CHOPPED STRAND MAT
4	7725 FIBER GLASS
5	7725 FIBER GLASS
6	7725 FIBER GLASS
7	7725 FIBER GLASS
8	7725 FIBER GLASS
9	7725 FIBER GLASS
10	PRIMER

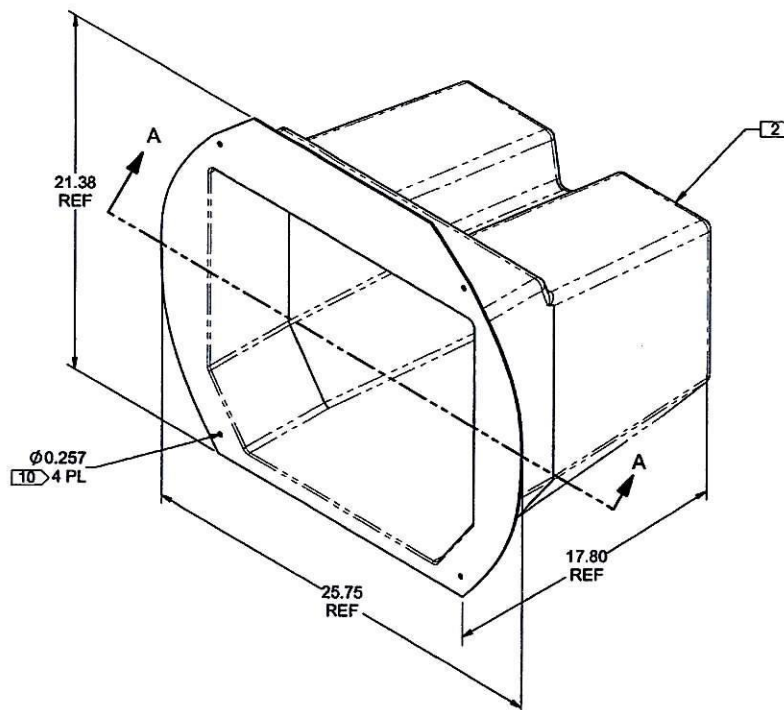
D2273 REAR LOCKER EXTENDER

TABLE 3

MATERIAL USED	DESCRIPTION
GELCOAT	55X3535 WHITE GELCOAT
FIBER GLASS MAT	OWENS CORNING 3/4 oz CHOPPED STRAND MAT
FIBER GLASS CLOTH	HEXCEL 7725 FIBER GLASS
RESIN SYSTEM	DION 7704
PRIMER	TEMPO 4500-PB-23G (GREEN)

NOTES:

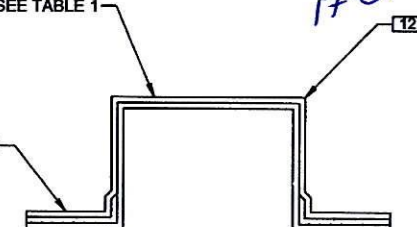
- 1) MATERIAL: SEE TABLE 3
- 2) FINISH: SEE TABLES 1, 2, & 3
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
- 6) IDENTIFICATION: IDENTIFY PER QSI 044 6.1
- 7) WEIGHT: 5.5- 7.5 lbs
- 8) LAMINATE PER DART QSI 006. LAMINATION SCHEDULE PER THIS DRAWING
- 9) LAYUP USING DT9871 MOLD. WET LAYUP WITH BAG/VACUUM
- 10) TRIM & DRILL PER DT9905. OPEN HOLES TO Ø0.257
- 11) CONSTRUCTION: SEE TABLES 1 & 2
- 12) MATTE TO HOLD DOWN CORNERS AS REQUIRED



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SUBJECT TO AMENDMENT
WITHOUT NOTICE
WORK ORDER
NO. 155146 M/J
1701-12

SEE TABLE 1

SEE TABLE 2



SECTION A-A

M	CHANGE GELCOAT TO 55X3535 WHITE GELCOAT, REMOVE PAINT FINISH OPTION (NOTE 2)	DB	16.05.19
L	ADD PAINT OPTION (NCR 15-5408)	CP	15.10.19
K	LAYUP AND MAT'L PER FDC COMPOSITES PROCESS	CP	15.03.12
J	CHANGED GELCOAT TO 4314-001 DURA FR WHITE	ML	13.12.10
I	CHANGE GELCOAT TO POLYCOR 2330PAWK745	SFM	13.08.13
H	CHANGE MATERIAL & MANUFACTURING PROCESS	DC	13.03.15
G	ADD MANUFACTURING OPTION B, ZN BS-1	DC	12.08.08
F	PRIMER LE 3404-S/LE 1175-S WAS 1144-S, ZN A6-1	DC	12.02.27
E	CHANGED SURFACE FINISH FROM 944W005 GELCOAT TO 2330PAWK745 GELCOAT, ZN A7-1. UPDATED DWG TO CURRENT STANDARDS.	DC	12.02.02
D	REMOVE EPOCAST, ADD SURFACE FINISH	CP	02.04.01
C	CLARIFY MATERIAL, LAYUP, AND TOOLING	RF	02.01.30
B	RE-DRAWN	MM	96.05.27
REV.	DESCRIPTION	BY	DATE
DESIGN	JB		
DRAWN	DB		
CHECKED	ML		
MFG. APPR.	DD		
APPROVED	WM		
DE APPR.	DS		
DATE	16.05.19		

DART AEROSPACE LTD
HAWKESBURY, ONTARIO, CANADA

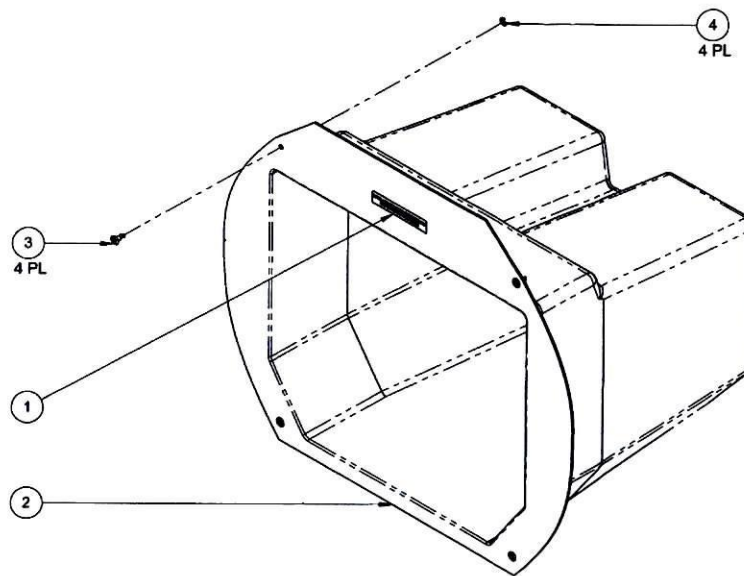
DRAWING NO. **D2273**
REV. M
SHEET 1 OF 1
SCALE
TITLE
350 REAR LOCKER EXTENDER NTS

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RELEASED
2017-01-11
ECA 17-501

APPROVED

ITEM NO.	QTY.	PART NUMBER	DESCRIPTION
	X	D350-604-041	REAR LOCKER EXTENDER ASSEMBLY
1	1	D2268	PLACARD
2	1	D2273	REAR LOCKER EXTENDER
3	4	2600-6	CAMLOCK STUD
4	4	2600-LW	RETAINING WASHER



D350-604-041 REAR LOCKER EXTENDER ASSEMBLY

NOTES:

- 1) MATERIAL: N/A
- 2) FINISH: N/A
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
- 6) IDENTIFICATION: NONE
- 7) WEIGHT: 5.5 to 7.5 lbs
- 8) INSTALL D2268 PLACARD IN LOCATION SHOWN, CENTERED ON FLANGE

C	REMOVE D2728-1, D2729-1 DECALS (ZN C5-1) REVISED RELATED NOTES, UPDATED PART WEIGHT	ML	13.12.16
B	INCORPORATE DSI 9470 (7N D7-1), UPDATE DWG TO CURRENT STANDARDS. ADD D2728-1 PLACARD AND ORIENTATION NOTE (ZN C3-1), ADD D2729-1 (ZN C5-1).	DC	12.02.07
A	NEW ISSUE	CP	02.04.01
REV.	DESCRIPTION	BY	DATE
DESIGN	DW	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
DRAWN	ML		
CHECKED	AP	DRAWING NO.	REV. C
MFG. APPR.	JLM	D350-604-041	SHEET 1 OF 1
APPROVED	MP	TITLE	SCALE
DE APPR.	DS	RLE ASSY	NTS
DATE	14.01.02	COPYRIGHT © 2002 BY DART AEROSPACE LTD THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL, AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE, OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD.	

10

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PAGE 1 OF 1

Description: REAR LOCKER EXTENDER

[illegible]



Dart Hawkesbury
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200

PURCHASE ORDER PO34975

Supplier:

FDC001-VC
FDC Composites Inc.
45 chemin de L'Aéroport , Local 26
St-Jean-sur-Richelie
QC
J3B 7B5 Canada
Phone: 450-357-1344 ext303
Fax: 450-357-1194

PO No: PO34975

PO Date: 1/17/17

Due Date: 11/1/17

Purchase Order

Revision:

Revision Date:

Ship-To Contact: Phone:

Pymt Terms: net 30

Freight Terms:

Special Comments:

Ship To: 1270 Aberdeen Street
Hawkesbury
ON
K6A 1K7 Canada
Phone: 613-632-5200

Items											
Line Item	Part	Rev	Description	Item Tax	Status	Due Date	Order Quantity	Received Quantity	Balance	Unit Price (CAD)	Extended Price
1	D350-604-041P	-	Rear Locker Extender		Firmed	11/1/17	1 Ea	0 Ea	1 Ea	\$705.00/Ea	\$705.00
2	D350-604-041P	-	Rear Locker Extender		Firmed	11/1/17	1 Ea	0 Ea	1 Ea	\$705.00/Ea	\$705.00
3	D350-604-041P	-	Rear Locker Extender		Firmed	11/1/17	1 Ea	0 Ea	1 Ea	\$705.00/Ea	\$705.00
4	D350-604-041P	-	Rear Locker Extender		Firmed	11/1/17	1 Ea	0 Ea	1 Ea	\$705.00/Ea	\$705.00
5	D350-604-041P	-	Rear Locker Extender		Firmed	11/1/17	1 Ea	0 Ea	1 Ea	\$705.00/Ea	\$705.00

Grand Total: \$3,525.00

Order Notes

Terms & Condition of Purchasing(Suppliers) and Procurement Quality Clauses are an integral part of our AS9100 requirements. To learn in detail, please visit www.dartaerospace.com for further explanation.

Plex 10/6/17 1:11 PM Dart.Baker.Diane

FDC Composites inc.
45, Chemin de L'Aéroport
Local 26
Saint-Jean-sur-Richelieu (QC)
J3B 7B5
Tel.: 450 357-1344

Shipping Order

15/11/2017

Order : 2700
Reference : PO 34975/1-5

Customer: DAE-CAD

Dart Aerospace
1270 Aberdeen Street
Hawksbury, ON
K6A 1K7

Ship To

Same

Tel.: 1 613 632-9577

Item No.	Description	Qty	Qty. Delivere	B/O Qty
D350-604-041P	REAR LOCKER EXTENDER PO item: 34975/1 Lot: 2017-02-28 FDC ID: DAE001-121 B155143	1		
D350-604-041P	REAR LOCKER EXTENDER PO item: 34975/2 Lot: 2017-03-01 FDC ID: DAE001-122 B155144	1		
D350-604-041P	REAR LOCKER EXTENDER PO item: 34975/3 Lot: 2017-03-01 FDC ID: DAE001-123 B155145	1		
D350-604-041P	✓ REAR LOCKER EXTENDER PO item: 34975/4 Lot: 2017-03-02 FDC ID: DAE001-125 B155146	1		
D350-604-041P	REAR LOCKER EXTENDER PO item: 34975/5 Lot: 2017-03-02 FDC ID: DAE001-127 B155147	1		

1

8071130

Shipping :
Package No :
Merchandise Received:

Ref. :
:



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CERTIFICATE of CONFORMITY

Customer Name: Dart Aerospace.

Customer P/O Number: 34975

Revision: NC

<u>PO Item</u>	<u>Qty</u>	<u>Part number</u>	<u>Dwg number</u>	<u>Description</u>	<u>Dart ID</u>	<u>FDC ID</u>	<u>Lot</u>
1	1	D350-604-041P	D2273 Rev M	350 Rear Locker Extender	B155143	DAE001-121	2017-02-28
2	1	D350-604-041P	D2273 Rev M	350 Rear Locker Extender	B155144	DAE001-122	2017-03-01
3	1	D350-604-041P	D2273 Rev M	350 Rear Locker Extender	B155145	DAE001-123	2017-03-01
4	1	D350-604-041P	D2273 Rev M	350 Rear Locker Extender	B155146	DAE001-125	2017-03-02
5	1	D350-604-041P	D2273 Rev M	350 Rear Locker Extender	B155147	DAE001-127	2017-03-02

I hereby certify that the workmanship, material and the processes used in the manufacture of the above part(s) supplied are in accordance with the requirements of the applicable Purchase Order.

Signature: Marjorie
Marjorie Geoffrion, Quality Inspector

Date: 2017-11-15



Gamme de Fabrication

# LOT	2017-03-03
# SÉRIE(ID)	DAE001-125

Nom de Gamme :	Rear locker extender – DART
# de Gamme (et rev.) :	DAE001 Rev. E
Nom pièce – Client :	350 Rear locker extender – DART AEROSPACE
# de Dessins (et rev.) :	D2273 Rev. M

10: B155146 #4

Fiche suiveuse			
PLAGE (ÉTAPE)	TRAVAUX	DESCRIPTION GÉNÉRALE	DATE SORTIE
[10-50]	PRÉPARATION	Moule, Espace de travail, Matières premières, Consommables	#21 #23 28 FEV 2017 28 FEV 2017
[60-80]	FINITION	Appliquer Gelcoat, Inspecter	#3 02 MAR 2017
[90-140]	MOULAGE	Laminer, Démouler, Inspecter	#23 #26 01 MAR 2017 01 MAR 2017
[150-190]	USINAGE	Percer, Découper, Ébavurer, Inspecter, Sabler	#30 9 MAR 2017
[200-230]	FINITION	Primer, Inspection	#3 MARS 28 MAR 2017
240	EXPÉDITION	Emballer, Expédier	#8 31 OCT 2017

Gamme préparée par :	Guillaume G. Jasmin
Gamme vérifiée par :	Francis Lavigne-Larente
Gamme approuvée par :	Maxime Gagné
Date d'émission :	2015-01-14

Gamme révisé préparée par :	Pascal Séguin
Gamme révisé vérifiée par :	Karim Malihi
Gamme révisé approuvée par :	Michel Morin
Date de révision :	2017-02-22

Informations à remplir :
Cases grises pâles

Inspection :
Cases grises pâles

Approbation Qualité	
Approbation Qualité Avant de produire le CofC, toutes les étapes et les informations requises des gammes subséquentes reliées à ce produit ont été complétées et remplies	Inspecteur 31 Qualité

Matières premières

Matériau Requis (Nom Abrégé)	# de lot	Date d'expiration	Spécification et/ou Identification
Résine	1028612	2017-05-17	Dion 7704
Norox (Résine)	41049	2017-08-01	MEKP-9
Norox (Gelcoat)	41049	2017-08-01	MEKP-9
Gelcoat blanc	702 284	2017-03-20	55X-3535
Mat ¾ oz/pi²	15051100174-1	N/A	¾ oz Chopped Strand Mat (Owens Corning Or Equivalent)
Fibre de verre 7725	4294874	N/A	Hexcel 7725 Fiber Glass
Apprêt (Primer) (Vert)	18584	2018-12-31	Tempo 4500-PB-23G (Vert)
Durcisseur pour apprêt (hardener)	18317	2018-05-01	Tempo 4500-C-23
Attache mécanique (Camloc)	504980	N/A	2600-5
Rondelle de retenue pour Camloc	1745658	N/A	2600-LW

Équipement	Matériel auxiliaire	Santé et sécurité
Moule : MOU306 ou MOU309	FMS	Sarrau
Pompe à vide	55NC	Lunettes de sécurité
Jig de découpe et perçage CNC 5 axes	Peel ply	Soulier de protection
Jig de finition et d'inspection : GAB355	Film perforé	Gants
	Bleeder breather	Masques à cartouches
Pince pour installer Camloc : OUT951	Bag big blue	
Outil pour installer rondelle de retenue : OUT952	Ruban scellant (Dum Dum)	

Annexe 1
Formulaire de résine (RES-DAE001)

Matériau	Application
MPS-300-93-31-007-NC	Démoulage 55NC
MPS-300-93-31-058-A	Composite part inspection
MPS-300-93-31-020-B	Edge finish after trimming
MPS-300-93-31-097-NC	Epoxy - Polyamide primer
MPS-300-93-31-084-NC	Protection et entreposage des pièces

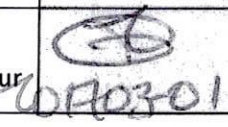
Suivi des révisions

# de révision	Description de la révision	Date de révision	Révisé par :
A	Révision d'une OP inspection, Ajout nouveaux moules et retrait d'un type de primer	2015-03-04	Guillaume G.Jasmin
B	Ajout des conformateurs, du gabarit GAB355, de l'installation des camlocs, inspection du poids et identification finale	2015-03-25	Guillaume G.Jasmin
C	Mise à jour de la case approbation qualité page 1	2015-04-02	Guillaume G.Jasmin
E	Changement de gelcoat, modification du format de la gamme, révision complète de la gamme	2017-02-22	Pascal Séguin

PRÉPARATION

10	<u>Remplir les informations requises sur la première page (cases gris pâle)</u> - Demander au coordonnateur de production (ID) - Inscrire les heures et les dates d'entrée et de sortie de département	#23 28 FEV 2017	#21 28 FEV 2017	E: R:
20	<u>Découper la fibre et les périssables (Peel ply, sac étanche...) selon l'ANNEXE 1</u> - ACHEMINER et REMPLIR la section « Matière premières » pour : - Fibre de verre 7725 - Mat ¾ oz	#23 Annexe 1 28 FEV 2017	#21 28 FEV 2017	E: R:
30	<u>Préparer la résine selon RES-DAE001 (Gamme de formulation de résine)</u> ACHEMINER et REMPLIR la section « Matière premières » pour : - Résine - Norox	RES-DAE001	#28 02 MAR 2017	E: R:
40	<u>Préparer le moule</u> - Cochez le moule utilisé : MOU306 ☐ / MOU309 ☒ ☒ Nettoyer et traiter le moule ☒ Poser le Masking tape <u>Si nécessaire, traiter le moule au 55NC</u> Faire le test de pelage, s'il ne passe pas, appliquer une couche de 55NC et refaire le test.	Annexe 1 MOU306 ou MOU309 MPS-300-93-31-007	#23 01 MAR 2017	E: R:

50	<u>Préparer l'espace de travail (pendant l'application du gelcoat)</u>		#23 01 MAR. 2017 #21 - 1 MAR. 2017	E: R:	
	☒ Vérifier et préparer la pompe ☐ Préparer et distribuer les outils ☐ Protéger l'environnement de travail (tables, plancher, etc.) ☐ Vêtir l'équipement de protection personnel ☐ Partir la ventilation ☐ Vérifier l'ordre et la présence de tous les plis de fibre et des morceaux de noyau dans le sac				
	Position	Matériel			Initial employé
	10F	¾ oz Chopped strand MAT			<i>Alain NF</i>
	20F	7725 Fibre de verre			<i>Alain NF</i>
	30F	7725 Fibre de verre			<i>Alain NF</i>
	40R	7725 Fibre de verre			<i>Alain NF</i>
	50R	7725 Fibre de verre			<i>Alain NF</i>
	60R	7725 Fibre de verre			<i>Alain NF</i>
70F	7725 Fibre de verre	<i>Alain NF</i>			

FINITION						
60	<u>ACHEMINER et REMPLIR la section « Matière premières » pour :</u> - Gelcoat blanc 55X-3535 - Norox MEKP-9		#28 02 MAR. 2017	E: R:		
70	<u>Appliquer le Gelcoat (18 - 22 mils)</u> <table border="1"> <tr> <td>Heure d'application</td> <td>06 h 50 min</td> </tr> </table>		Heure d'application	06 h 50 min	Annexe 1 #3 02 MAR. 2017	E: R:
Heure d'application	06 h 50 min					
80	<u>Vérification de l'épaisseur du gelcoat lorsqu'encore humide</u>		Gauge d'épaisseur 	E: R:		

MOULAGE

	Description	Références	Date et initiales	Temps estimé Temps réel																														
90	Points d'inspection (Inspecteur Qualité ou Chef d'Équipe) : ☒ Qualité de l'application du gelcoat : Uniforme et esthétique. ☒ Donner l'approbation pour que la pièce puisse être laminée (le gelcoat est « amoureux » ou « tack free »)		Inspecteur Qualité 20170301																															
100	LAMINER <table border="1" style="width: 100%;"> <thead> <tr> <th>Position</th> <th>Matériel</th> </tr> </thead> <tbody> <tr> <td>10F</td> <td>¾ oz Chopped strand MAT</td> </tr> <tr> <td>20F</td> <td>7725 Fibre de verre</td> </tr> <tr> <td>30F</td> <td>7725 Fibre de verre</td> </tr> <tr> <td>40R</td> <td>7725 Fibre de verre</td> </tr> <tr> <td>50R</td> <td>7725 Fibre de verre</td> </tr> <tr> <td>60R</td> <td>7725 Fibre de verre</td> </tr> <tr> <td>70F</td> <td>7725 Fibre de verre</td> </tr> </tbody> </table> CONSOMMABLE <table border="1" style="width: 100%;"> <tbody> <tr> <td>10F</td> <td>Peel Ply</td> </tr> <tr> <td>20F</td> <td>Release film non perforé</td> </tr> <tr> <td>30F</td> <td>Bleeder / Breather</td> </tr> <tr> <td>50F</td> <td>Bagging bleu</td> </tr> </tbody> </table> ☐ S'assurer que tous les plis dans le tableau ont été laminés ☐ S'assurer que tous les conformateurs (Qte 9) sont en place par-dessus le Bleeder/Breather <table border="1" style="width: 100%;"> <tbody> <tr> <td>Heure début laminage</td> <td>7 h 20 min</td> </tr> <tr> <td>Heure mise sous-vide (sac scellé)</td> <td>8 h 20 min</td> </tr> <tr> <td>Intensité du vide (25 inHg)</td> <td>28</td> </tr> </tbody> </table>	Position	Matériel	10F	¾ oz Chopped strand MAT	20F	7725 Fibre de verre	30F	7725 Fibre de verre	40R	7725 Fibre de verre	50R	7725 Fibre de verre	60R	7725 Fibre de verre	70F	7725 Fibre de verre	10F	Peel Ply	20F	Release film non perforé	30F	Bleeder / Breather	50F	Bagging bleu	Heure début laminage	7 h 20 min	Heure mise sous-vide (sac scellé)	8 h 20 min	Intensité du vide (25 inHg)	28	Annexe 1 GAB356 à GAB364 (Qte 9)	#21 2 MAR. 2017 #19 01 MAR. 2017 #23 01 MAR. 2017 #26 01 MAR. 2017	E : R :
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110	#26 #23 LAISSER POLYMERISER la pièce sous vide pendant 2h 01 MAR. 2017 01 MAR. 2017	#21	#N/A	E : R :																														
120	DÉMOULER et IDENTIFIER la pièce ☒ Brancher le système d'air comprimé ☒ Écrire le numéro de pièce et la date sur un collant – # de lot (date de début) – # de série ID Ex : (AAAAMMJJ) – (DAE001-XXX) ☒ Placer la pièce sur la table d'inspection	Annexe 1	#26 01 MAR. 2017 #19 01 MAR. 2017	E : R :																														

130	<u>Point d'inspection (inspecteur qualité) :</u> ☒ Identifier la présence de surplus de résine ☒ Identifier la présence de bulles d'air ☒ Identifier la présence de zone sèche ☒ Identifier la présence de plis dans la fibre	MPS-300-93-31-058	Inspecteur Qualité <i>20703-06</i>	
140	<u>Nettoyer le moule</u> - Enlever la résine durcie tout le tour du moule avec une spatule en plastique pour ne pas endommager le moule <u>Si nécessaire</u>, nettoyer le moule avec un chiffon légèrement humecté de nettoyant à moule (PMC) NE PAS TROP APPLIQUER DE "PMC"	Spatule en plastique	#19 01 MAR 2017	E : R :

USINAGE

			Date et initiales	Temps estimé Temps réel
150	<u>PERÇAGE ET DÉCOUPE CNC 5 axes :</u> Utiliser le gabarit d'usinage et le programme d'usinage à l'emplacement suivant : Z:\PROGRAMMES\Dart Aerospace\Dart Aerospace Rear Lockers\21-Dessins & Outillage\Outillage\usinage 5 axes	Annexe 1	#30 9 MAR 2017	E : R :
160	<u>SABLAGE :</u> - INSTALLER le Gabarit de finition et d'inspection GAB355 - SABLER la pièce jusqu'à arriver à la dimension du Gabarit GAB355 - ÉBAVURER les arêtes vives	GAB355 Annexe 1 MPS-300-93-31-020	<i>N/A</i>	E : R :
170	<u>Point d'inspection (inspecteur qualité) :</u> ☒ Plier les flanges (rebords) afin de s'assurer que le Gelcoat ne craque pas (Voir Annexe 1 pour ce test) ☒ Vérifier la conformité de la pièce (Dimensions) selon le no. de dessin et selon le MPS-300-93-31-058 <i>Gelcoat craque</i>	Annexe 1 MPS-300-93-31-058	Inspecteur Qualité <i>20733-16</i>	
180	SABLER légèrement l'extérieur de la pièce Papier 120 à 320 grains		#19 14 MAR 2017	E : R :
190	NETTOYER les surfaces extérieures		#19 14 MAR 2017	E : R :

FINITION

#	Description	Références	Date et initiales	Temps estimé Temps réel
200	APPLIQUER le primer 2 couches d'environ 10 mils chacune	MPS-300-93-31-097	#3 MARS 28 MAR 2017	E: R:
210	<u>Protéger le gelcoat</u> Découper une pellicule de plastique protecteur bleu et la coller sur le rebord et à l'intérieur de la partie blanche (Gelcoat) (Voir Annexe 1)	Annexe 1	#19 2 MAI 2017	E: R:
220	<u>INSTALLER les attaches mécaniques (Camlocs) (Qte 4)</u> - Utiliser les pinces spécialisées (OUT951) pour insérer les Camlocs dans les trous - Utiliser l'outil spécialisé (OUT952) pour installer les rondelles de retenues	Annexe 1 Pince à Camloc (OUT951)	#19 2 MAI 2017	E: R:
230	<u>Inspection finale :</u> - Validation de la finition (pinholes, surface inégale, etc...) - Vérifier s'il y a un panneau de contrôle relié à la pièce - Étamper le carré dans le coin inférieur droit de la première page - Poids de la pièce : <u>6,4</u> (LBS)	Annexe 1 MPS-300-93-31-058 20/07/18	Inspecteur  Qualité	

EXPÉDITION

#	Description	Références	Date et initiales	Temps estimé Temps réel
240	Identifier, emballer et expédier Identification selon le document DART QSI044 à l'emplacement suivant : Z:\PROGRAMMES\Dart Aerospace\Dart Aerospace Rear Lockers\22-Gammes de Fabrication\In process	MPS-300-93-31-084	#8 31 OCT	E: R: